### REMEDIAL ACTION ADMINISTRATIVE RECORD

(Index and Documents)

for the

# YEOMAN CREEK LANDFILL SITE WAUKEGAN, ILLINOIS

FEBRUARY 1992

United States Environmental Protection Agency
Region V

230 South Dearborn Street
Chicago, IL 60604

#### **INTRODUCTION**

These documents comprise the Administrative Record for the Yeoman Creek Landfill Site. An index of the documents in the Administrative Record is located at the front of the first volume along with a sampling/data index, guidance index and an acronym guide used by EPA Agency Staff in selecting a response action at the site.

The Administrative Record is also available for public review at EPA Region V - Record Center, 77 West Jackson, 7th Floor, Chicago, Illinois 60604. Questions concerning the Administrative Record should be addressed to the U.S.EPA Waste Management Division Records Manager.

The Administrative Record is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

### Yeoman Creek Landfill Site Remedial Action Administrative Record

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#### **VOLUME XI**

Guidance



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surface water

	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
l	69/05/09	Lake County Health Dept. Laboratory Report with surface water samples dated from 5/9/69 - 9/17/69	Lake County Health Dept. Laboratory	,	Sampling/Data
2	69/06/12	Partial Chemical Analysis: Sample No. 1 collected	L. Henley-IL State Water Survey		Sampling/Data
)		June 3, 1969 Laboratory No. 178336	<b>,</b>		
3	70/07/17	Samples from the stream for testing Chemical Results	Lake County Health Dept. Laboratory		Sampling/Data
Ч	70/08/10	Water Analysis Sample of water collected from Yeoman Creek	L. Henley-IL State Water Survey		Sampling/Data
	71/07/27	Analysis for Samples Yeoman Creek	IEPA		Sampling/Data
6	71/08/10	Water Sampling Yeoman Creek	IEPA		Sampling/Data
7	72/0 <del>9</del> /20	WQ Sampling at Yeoman Creek Landfill	IEPA		Sampling/Data
8	73/04/19	Surface Sample from Stream Chemical results expressed as MG/L BOD:44	Lake County Health Dept. Laboratory	U.S.EPA	Sampling/Data
9	73/10/24	Sample Analysis of Yeoman Creek's	IEPA		Sampling/Data

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	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
IC	73/12/12	Water Samples Yeoman Creek	IEPA		Sampling/Data
П	75/05/12	Water Samples Yeoman Creek	IEPA		Sampling/Data
12	78/04/13	Special Analysis form for Yeoman: PCB's test	!EPA		Sampling/Data
13	78/04/14	Samples taken from Yeoman Creek	IEPA		Sampling/Data
14	80/10/23	Yeoman Creek Sampling	IEPA		Sampling/Data
15	80/11/12	Yeoman Creek Sampling	IEPA		Sampling/Data
ь	81/04/01	Yeoman Creek Sampling	IEPA		Sampling/Data
17	81/09/10	Yeoman Creek Sampling	IEPA		Sampling/Data
18	81/10/15	Samples taken from:  1. Monitor Wells  2. Leachate Wells	IEPA		Sampling/Data
19	81/10/20	Samples taken from:  1. Leachate Wells  2. Monitor Wells	IEPA		Sampling/Data
20	81/11/24	Analysis report for Grab samples taken	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
21	81/12/03	Letter re: lab reports from samples taken	K. Parikh-City of Waukegan	IEPA	Sampling/Data

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	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
2Z	81/12/14	Samples taken from:  1. Leachate Wells  2. " "  3. Monitor Wells	IEPA		Sampling/Data
23	81/12/15	Samples taken from:  1. Monitor Wells  2. Leachate Wells	IEPA		Sampling/Data
Z.¥	81/12/24	Samples taken from  1. Sump Pump  2. West Side of Terrace Nursing Home, Entering into Yeoman Creek  3. Sump for the Terrace Nursing Home  4. GRAB	IEPA		Sampling/Data
25	82/01/04	Letter re: lab reports of samples taken	C. Weber-City of Waukegan	IEPA	Sampling/Data
···26	82/03/02	Analysis report for Grab samples taken Received: 2/24/82	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
27	82/05/12	Groundwater sampled	IEPA		Sampling/Data
28	82/09/15	Analysis report for Grab samples taken Received: 9/8/82	Suburben Laboratories, Inc.	City of Waukegan	Sampling/Data
29	82/12/20	Analysis report for Grab samples taken Received: 12/7/82	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
30	83/03/03	Samples taken from Yeoman Creek	LCHD Laboratory		Sampling/Data

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Creek Landfill

	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
31	83/03/08	Analysis report for Grab samples taken Received: 2/24/83	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
32	83/03/11	Letter re: Suburban Laboratories, Inc. Samples 1-3 for Yeoman Creek Landfill	City of Waukegen	IEPA	Sampling/Data
33	83/04/07	Samples taken from Monitoring Wells	LCHD Laboratory		Sampling/Data
34	83/04/20	Samples taken from Monitoring Wells	LCHD Laboratory		Sampling/Data
35	83/06/08	Samples Received: 5/24/83 Grab Samples	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
36	83/06/14	Letter re: Suburban Laboratories, Inc. Samples for Yeoman Creek Landfill Site Samples 1-3 received: 5/24/83	City of Weukegan	IEPA	Sampling/Data
37	83/07/07	Samples taken from Yeoman Creek	LCHD Laboratory		Sampling/Data
38	83/07/27	Samples taken from Monitoring Wells	LCHD Laboratory		Sampling/Data
39	83/09/06	Samples received: 8/23/83 Quarterly Grab Samples	Suburben Laboratories, Inc.	City of Waukegan	Sampling/Data
40	83/11/07	Letter re: Suburban Laboratories, Inc. Samples for Yeoman	City of Weukegan	IEPA	Sampling/Data

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	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
		Samples received: 8/23/83			
+i	83/11/23	Samples received: 11/15/83 Grab samples	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
<u>ยา</u>	83/12/27	Letter re: Suburban Laboratories, Inc. Samples for Yeoman Creek Landfill Site Samples received: 11/15/83	City of Waukegan	IEPA	Sampling/Data
43	84/03/05	Samples received: 2/24/84 Grab samples	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
44	84/04/05	Samples taken from Monitor Wells and Yeoman Creek	LCHD Laboratory		Sampling/Data
<del>1</del> 5	84/05/16	Sample taken from Pond	LCHD Laboratory		Sampling/Data
46	84/06/01	Samples received: 5/25/84 Grab Samples	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data
47	84/07/25	Samples taken from Yeoman Creek	LCHD Laboratory		Sampling/Data
48	84/08/01	Samples taken from Monitor Wells	LCHD Laboratory		Sampling/Data
49	84/09/05	Samples taken from Monitor Wells	LCHD Laboratory		Sampling/Data
50	84/09/13	Samples received: 9/5/84 Grab samples	Suburban Laboratories, Inc.	City of Waukegan	Sampling/Data

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	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
51	84/09/20	Letter re: Suburban Laboratories, Inc. Sample for Yeoman Creek Landfill Site Samples received: 9/5/84, 2/24/84 & 5/25/84	City of Waukegan	IEPA	Sampling/Data
52	84/10/17	Samples taken from Monitoring Wells	IEPA		Sampling/Data
53	84/12/24	Samples received: 12/11/84 Quarterly Grab Samples	Suburben Laboratories, Inc.	City of Waukegan	Sampling/Data
.54	85/01/07	Letter re: Suburban Labs Inc Water Monitoring Sample for Yeoman Creek Landfill Site Samples Dated 12/11/84	City of Waukegan	IEPA	Sampling/Data
<i>5</i> 5	85/02/04	Letter re: Yeoman Creek Landfill Site Water Monitoring Samples	C. Weber-City of Waukegan	M. Haney-IEPA	Sampling/Data
56	85/03/05	Samples Received: 2/24/84 Grab Samples	Suburben Laboratories, Inc.	City of Waukegan	Sampling/Data
57	85/04/03	Samples taken from Yeoman Creek with laboratory analysis forms attached	Ecology & Environment, Inc.	U.S.EPA	Sampling/Data

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Monitoring Wells

	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
		Sump Pump and Yeoman Creek			
5 <b>9</b>	85/05/02	Samples taken from Monitoring Wells	LCHD Laboratory		Sampling/Data
<i>\\</i> 0	85/06/21	Laboratory Report Samples received June 12, 1985	TEI Analytical, Inc.	Lake County Health Dept.	Sampling/Data
61	85/07/08	Laboratory Report Samples received June 18, 1985	TEI Analytical, Inc.	Lake County Health Dept.	Sampling/Data
62	86/04/09	Yeoman Creek Sampling	ЕСИО		Sampling/Data
63	86/04/30	Samples taken from Monitoring Wells	LCHD Laboratory		Sampling/Data
4	86/08/25	Memo re: 8/21/86 Sediment Samples	K. Bardo-Lake County Health Dept.	File	Sampling/Data
65	86/09/04	Yeoman Creek Sediment Samples Received: 8/21/86	TEI Analytical, Inc.	LCHD	Samlpling/Data
66	87/04/16	Yeoman Creek Sampling	LCHD Laboratory		Sampling/Data
67	87/05/06	Samples taken from Monitoring Wells	LCHD Laboratory		Sampling/Data
<i>4</i> 8	88/05/11	Samples taken from Yeoman Creek	LCHD Laboratory		Sampling/Data
69	88/06/01	Sample taken from	LCHD Laboratory		Sampling/Data

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	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
70	89/05/10	Samples taken from Yeoman Creek	LCHD Laboratory		Sampling/Data
71		Samples taken from Monitoring Wells	LCHD Laboratory		Sampling/Data

### GUIDANCE INDEX FOR YEOMAN CREEK LANDFILL SITE

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TITLE	AUTHOR	DATE	DOCNUMBER
Integrated Risk Information System (IRIS) [A Computer-Based Health Risk Information System Available through E-MailBrochure on Access is included]	OHEA	00/00/00	1
Land Disposal Restrictions as Relevant and Appropriate Require- ments for CERCLA Contami- nated Soil & Debris	U.S.EPA	00/00/00	
"Bedrock Aquifers of Northeastern Illinois", Illinois State Geological Survey Circular 406, Urbana,IL	Hughes, Kraatz, and Landon	66/00/00	3
"Pleistocene Stratigraphy of Illinois", Illinois State Geological Survey Bulletin 94, Urbana,IL	Frye and William	70/00/00	1 4
"Handbook of Illinois Stratigraphy", Illinois State Geological Survey Bulletin 95, Urbana, Illinois	Atherton, et.al.	75/00/00	5
Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans QAMS-005-080	U.S.EPA	80/00/00	) 6
Heatlh Effects Assessment Documents (58 Chemical Profiles)	ORD/OHEA/ECAO/OSWER/OERR	84/09/01	7

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TITLE AUTHOR DATE DOCNUMBER

Vol 28: Acetone, Arsenic, Asbestos, Barium, Benzo(a)pyrene, Cadium, Carbon Tetrachioride, Chlorobenzene, Chlorodane, Chloroform, Coal Tars, Copper, Cresols, Cyanide, DDT, 1,1-Dichloroethane. 1,2-Dichloroethane: Vol 29: 1,1-Dichloroethylene, 1,2-Dichloroethylene, CIS-1,2-Dichloroethylene, Ethylbenzene, Glycol Ethers, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexavalent Chromium, Iron (and compounds), Lead, Lindane, Mangnese (and compounds), Mercury, Methyl Ethyl Ketone, Methylene Chloride, Naphthalene, Nickel, Pentachlorophenol, Phenol, Phenathrene: Vol 30: Polychlorinated Biphenyls (PCBs), Polycyclic Aromatic Hydrocarbons, Pyrene, Selenium, (and compounds), Sodium Cyanide, Sulfuric Acid, 2,3,5,8-Tetrachlorodibenzo-p-dioxin, 1,1,2,2-Tetrachioroethane, Tetrachloroethylene, Toluene, 1,1,2-Trichloroethane, 1,1,1-Trichloroethane, Trichloroethylene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenot, Trivalent Chromium, Vinyl Chloride, Xylene, Zinc (and compounds)

Plan (NCP)

TITLE	AUTHOR	DATE	DOCNUMBER
CERCLA", PB85-238616			
Field Standard Operating Procedures Manual #4-Site Entry	OERR/HSED	85/01/01	9
Field Standard Operating Procedures Manual #8 Air Surveillance	OERR/HSOD	85/01/01	10
Field Standard Operating Procedures Manual #6-Work Zones	CERR/HRSD	85/04/01	11
Field Standard Operating Procedures Manual #9-Site Safety Plan	OERR/HRSD	85/04/01	12
"Guidance on Feasibil- ity Studies under CERCLA", dated May 1985, as amended	U.S.EPA	85/05/00	13
Policy on Flood Plains and Wetland Assessments for CERCLA Actions	Hedeman, Jr., W.N./GERR	85/08/01	14
Chemical, Physical & Biological Properties of Compounds Present at Hazardous Waste Sites	Clement Associates, Inc.	85/09/27	15
The National Contingency Plan, dated November 1985, as amended	NCP	85/11/00	16
Section 300.68 of the National Contigency	NCP	85/11/00	17

Strategy

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Preparation of Federal- Lead Remedial Investi- gation Quality Assurance Project Plans for Region V - Guidance	Quality Assurance Office - U.S.EPA	85/12/20	18
"Superfund Public Health Evaluation Manual", ICF	U.S.EPA	86/00/00	19
Removal Actions at Methane Release Sites	U.S.EPA	86/01/23	20
Interim RCRA/CERCLA Guidance on Non- Contiguous Sites and On-Site Management of Waste and Treatment Residue EPA/9347.0-01	U.S.EPA	86/03/27	21
Discharge of Wastewater from CERCLA Sites into POTWs	U.S.EPA/OERR	86/04/15	22
ATSDR Health Assessments on NPL Sites	Dept. of Health & Human Serv/ATSDR	86/06/16	23
Superfund Public Health Evaluation Manual	DERR/OSWER	86/10/01	24
Section 121 of the Superfund Amendment and Reauthorization Act (SARA)	SARA	86/10/17	25
Guidelines for Ground- Water Classification under the EPA Ground- Water Protection	Office of Ground-Water Protection	86/12/01	26

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Sanitary Landfills

TITLE	AUTHOR	DATE	DOCNUMBER
Data Quality Objectives for Remedial Response Activities: Example Scenario: RI/FS Activities at a Site w/ Contaminated Soils and Groundwater	CDM Federal Programs Corp/OERR/OMPE	87/03/01	27
Data Quality Objectives for Remedial Response Activities: Development Process	CDM Federal Programs Corp/OERR/OWPE	87/03/01	28
Response to the letter of March 27, 1987 re: the Agency's implemen- tation of the SARA	L.Thomas-U.S.EPA	87/04/21	29
Quality Criteria for Water 1986	Office of Water Regulations & Stds	87/05/01	30
Final Guidance for the Coordination of ATSDR Health Assessment Activities with the Superfund Remedial Process	Porter,J.W./OSWER/OERR/ATSDR	87/05/14	31
EPA's Implementation of the Superfund Amemdments and Reauthorization Act of 1986	Thomas, L.M./EPA	87/05/21	32
A Compendium of Superfund Field Operations Methods	OERR/OMPE	87/12/01	33
Estimation of Hazardous Air Emissions from	Midwest Research Institute	87/12/30	34

Construction", (SSRBC)

TITLE	AUTHOR	DATE	DOCNUMBER
Laboratory Data Vali- dation Functional Guidelines for Evalua- ting Organics Analyses	8leyler/Viar&Co/ <b>SMO/EPA</b> DRWG/HSED	88/02/01	35
Superfund Exposure Assessment Manual	OERR	88/04/01	36
Modeling Remedial Actions at Uncontrolled Hazardous Waste Sites	U.S.EPA	88/04/01	37
Laboratory Data Vali- dation Functional Guidelines for Evalua- ting Inorganic Analyses	EPA DRWG/Bleyler/Viar&Co./SMO	88/07/01	38
Section 704 of the Illinois Dept. of Transportation reference manual: "Standard Specifications for Road and Bridge Construction", (SSRBC)	Illinois Dept. of Transportation	88/07/01	39
Section 629 of the Illinois Dept. of Transportation reference manual "Standard Specifications for Road and Bridge Construction", (SSRBC)	Illinois Dept. of Transportation	88/07/01	40
Article 710.33 of the Illinois Dept. of Transportation reference manual: "Standard Specifications for Road and Bridge	Illinois Dept. of Transportation	88/07/01	41

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CERCLA Compliance with Other Laws Manual	OERR	88/08/08	43
Field Screening Methods Catalog: Users Guide	OERR/HSED	<b>88/09/</b> 01	44
Guidance for Conducting Remedial Investigations/ Feasibility Studies under CERCLA	OSWER/OERR	88/10/01	45
User's Guide to the Contract Laboratory Program	OERR/CLP Sample Management Office	88/12/01	46
Content Requirements for Quality Assurance Project Plan	Cheng-Wen Tsai	89/01/00	47
Risk Assessment Guidance for Superfund, Volume II, Environmental Evaluation Manual, EPA/540/1-89/001	U.S.EPA	89/03/00	48
Risk Assessment Guidance for Superfund, Volume II: Environmental Evaluation Manual EPA/540/1-89/001 EPA/9285.7-01A	U.S.EPA	89/03/00	49

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Memo re: Interim PRP

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### GUIDANCE DOCUMENTS NOT COPIED ARE AVAILABLE FOR REVIEW AT U.S.EPA REGION V OFFICES, CHICAGO, ILLINOIS

TITLE	AUTHOR	DATE	DOCNUMBER
A Guide on Remedial Actions for Contaminated Ground Water EPA/9283.1-02FS	U.S.EPA	89/04/00	50
ARARs Q's & A's	U.S.EPA/OSWER/OERR	89/05/00	51
Memo re: RI/FS Improvements	U.S.EPA	89/05/09	52
Superfund LDR Guide #1 Overview of RCRA (LDRs)	U.S.EPA/OSWER	89/07/00	53
Superfund LDR Guide #2 Complying with the California List Restrictions under Land Disposal Restrictions (LDRs)	U.S.EPA/OSWER	89/07/00	54
Superfund LDR Guide #3 Treatment Standards and Minimum Technology Requirements under (LDRs)	U.S.EPA/OSWER	89/07/00	55
Superfund LDR Guide #4 Complying with the Hammer Restrictions under Land Disposal Restrictions (LDRs)	U.S.EPA/OSWER	89/07/00	56
Superfund LDR Guide #5 Determining When Land Disposal Restrictions are Applicable to CERCLA Response Actions	U.S.EPA/OSWER	89/07/00	57
Mano nos Intenim DDD	II 0 504 604 50	00.407.55	

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Lead RI/FS Evaluation Findings and Recommen- dations			
Administrative Procedure #11 Title: Monitor Wel Design Criteria	Otto, Sherrilyn/SMO	89/09/05	59
"Getting Ready, Scoping the RI/FS", Directive 9355.3-01FS1	U.S.EPA/OSWER	89/11/00	60
Guidance on Remedial Actions for Contaminated Ground Water at Superfund Sites EPA/540/G-88/003 EPA/9283.1-02	U.S.EPA	89/12/00	61
Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, EPA/540/1-89/002	U.S.EPA	89/12/00	62
Accelerated Response at NPL Sites Guidance EPA/9200.2-02	U.S.EPA	89/12/15	63
CERCLA Compliance with the CWA and SDWA	U.S.EPA/OSWER/OERR/OPM	90/02/00	64
Federal Register Vol. 55 No. 35 Rules and Regulations	Federal Register	90/02/21	65
The Feasibility Study: Detailed Analysis of Remedial Action Alternatives	U.S.EPA/OSWER	90/03/00	66

TITLE	AUTHOR	DATE	DOCNUMBER
F.R. Vol. 55 No. 46 National Contingency Plan 40 CFR 300 with Preamble, pp. 8666- 8865		90/03/08	67
CERCLA Compliance with Other Laws Manual, Summary of Part II: CAA, TSCA, and Other Statues EPA/9234.2-07/FS	U.S.EPA	90/04/00	68
Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual, Part A EPA/9285.7-01/FS	U.S.EPA	90/04/00	69
Summary of Part II CAA, TSCA, and Other Statutes	U.S.EPA/OSWER/OERR	90/04/00	70
A Guide on Remedial Action at Superfund Sites with PCB Contamination EPA/9355.4-01FS	U.S.EPA	90/08/00	71
Streamlining the RI/FS for CERCLA Municipal Landfill Sites EPA/9355.3-11FS	U.S.EPA	90/09/0	0 72
CERCLA Compliance with the RCRA Toxicity Characteristics (TC) Rule: Part II	U.S.EPA/OSWER/OERR	90/10/0	0 73
Superfund LDR Guide #8 Compliance with Third	U.S.EPA/OSWER/OERR	90/10/0	0 74

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TITLE AUTHOR DATE DOCHUMBER Third Requirements under the LDRs Memo re: Consultation Clay, Don/U.S.EPA 90/10/02 75 on Records of Decision (RODS) for Containmentonly Remedies Conducting Remedial U.S.EPA/OSWER/DERR 91/02/00 76 Investigations/ Feasibility Studies for CERCLA Municipal

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PAGES	S DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
2	61/09/25	Letter re: Reply to request relative to information concerning possible pollution of Yeoman Creek with brief results included	E. Theios-LCHD	J. Vandervald-Nat'l Disp.	Correspond <del>e</del> nce	1
1	69/06/06	Letter re: Location Data Water Samples	J. Bolster-LCHD	L. Henley-ISWS	Correspondence	2
1	69/06/12	Letter forwarding copies of the analyses made on samples of water collected June 3, 1969 from a creek in Waukegan	L. Henley-Illinois State Water Survey	J. Bolster-ŁCHD	Correspondence	3
1	69/07/24	Letter re: The refuse disposal site owned and operated by the City, was inspected on July 14, 1969, by Sanitary Inspector Gary Brashear	F. Yoder-IDPH and C. Klassen-IDPH, Chief Sanitary Engineer	Mayor & Council-Waukegan	Correspondence	4
1	69/08/21	City of Waukegan Data and Correspondence File	City of Waukegan	IDPH	Correspondence	5
1	70/02/17	Letter re: In the August 21, 1969, it was advised that final cover would be applied to the now completed landfill site located on Lewis Avenue in Waukegan	F.Yoder-Illinois Dept. of Health	E.Smith-City of Waukegan	Correspondence	6
1	70/07/17	Letter re: Chemical Analyses of two samples of water in Yeoman Creek	E.Theios-LCHD	L.Henley-ISWS	Correspondence	7

PAGES	S DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
1	70/08/10	Letter forwarding the partial analyses made on samples of water collected from Yeoman Creek near Waukegan	L. Henley-Illinois State Water Survey	E. Theios-LCHD	Correspondence	8
1	70/09/25	Letter re: Reports of investigations including sample reports; the results of this investigation are being considered	C. Klassen-IEPA	Mayor & Councit-Waukegan	Correspondence	9
1	71/08/04	Letter re: Results of the boron determiniations made on samples of water collected July 20, 1971 at the Waukegan (Nat'l) Landfill site	L. Henley-Illinois State Water Survey	C. Clark-IEPA	Correspondence	10
1	71/08/13	Letter re: Results of the boron determinations made on samples of water collected August 5, 1971 at the Waukegan Municipal Landfill	L. Henley-Illinois State Water Survey	C. Clark-IEPA	Correspondence	11
1	71/08/25	Letter forwarding a copy of the article that appeared in Waukegan's August 24th issue concerning the City's plan to install a clay barrier between the filled site and Yeoman Creek	E.Theios-LCHD	T.Cavanagh-IEPA	Correspondence	12
2	72/02/22	Letter forwarding a copy of page six of the City Waukegan official minutes for the Counneil Meeting of January 31, 1972	R.Rhoades-LCHD	C.Clark-IEPA	Correspondence	13

PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
1	72/04/17	Letter re: Reinspection of your property located east of Lewis and south of Sunset Avenues was made by a technical representative of this Agency on April 5, 1972	C. Clark-IEPA	Mayor & Councit-Waukegan	Correspondence	14
1	72/04/18	Letter re: A complaint regarding Yeoman Creek may be sent to IEPA; suggestion mention that leachate from leachate from the Waukegan Sani- tary Landfill is pollut- ing the creek	R.Crim-LCHD	D.Miller	Correspondence	15
1	72/08/18	Letter re: Reinspection of your property located on on North Lewis Avenue was made by a technical representative of this Agency on June 27, 1972	C. Clark-IEPA	Mayor & Council-Waukegan	Correspondence	16
<b>~</b>	72/09/08	Letter re: Old Waukegan Landfill Site Buck Avenue East of Lewis	R.Rhoades-LCHD	B.Sidler-IEPA	Correspondence	17
1	72/10/27	Letter re: Old Sanitary Landfill Buck and Lewis Waukegan	R.Rhoades-LCHD	C.E.Clark-IEPA	Correspondence	18
1	73/03/13	Letter re: Observation by LCHD that the portion of land owned by you is being used as a public dump	J. Patrick Conaway-LCHD	Arthur Rubloff & Co.	Correspondence	19
1	73/03/21	Letter re: Waukegan Shopping Plaza	R. Findeisen-Arthur Rubloff & Co.	J. Patrick Conaway-LCHD	Correspondence	20

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1	73/03/29	Letter re: Waukegan Shopping Plaza Lewis & Glen Flora Aves.	R. Findeisen-Arthur Rubloff & Co.	J. Patrick Conaway-LCHD	Correspondence	22
1	73/04/23	Letter re: Waukegan Shopping Plaza Lake County-Land Pollution Control	R. Findeisen-Arthur Rubloff & Co.	J. Patrick Conaway-LCHD	Correspondence	23
3	73/05/15	Letter re: Response to letter dated 4/17/73 which requested that the Agency review and report to you on the status of four Lake County problem environmental situations	W. Pye-IEPA	E. Theios-LCHD	Correspondence	24
1	73/05/25	Letter re: Illegal Dumping	J. Patrick <b>Consway</b> - LCHD	i. Myers	Correspondence	25
2	73/06/12	Letter re: Clarification of the ownership status of the inactive T-K Disposal Landfill East of Lewis Avenue and South of Sunset Avenue with results included	W. Pye-IEPA	E. Theios-LCHD	Correspond <del>e</del> nce	26
1	73/07/09	Letter forwarding a copy of the Engineering report that makes recommendations for controlling the leachate problem presently existing on school board property behind the Waukegan shopping plaza	E.Theios	G.Smittle-Wauekegan Comm.	Correspond <del>en</del> ce	27

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	73/11/07	Letter re: An investigation of an alleged violation of the Environmental Protection Act was made on October 9, 1973 with results included	C. Clark-IEPA	Mr. & Mrs. Danny LaCrosse	Correspondence	30
2	73/11/07	Letter re: An investigation of an alleged violation of the Environmental Protection Act was made on Sept. 26, 1973; The purpose of the investigation was to make the appropriate people aware of certain conditions that exist at the subject site with results included	C. Clark-IEPA	Waukegan School Dist. #60	Correspondence	31
1	74/04/16	Letter re: Refuse disposal facility located east of Bank of Waukegan, along Yeoman Creek was inspected on April 4, 1974 with results included	C. Clark-IEPA	J.Hlade-Waukegan Park Dîs	Correspondence	32

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1	74/07/22	Letter re: Your refuse disposal facility located behind the Bank of Waukegan was inspected on June 24, 1974 by Rene Van Someren of IEPA	C.E. Clark-IEPA	R. Findeisen-A. Rubloff	Correspondence	33
1	74/07/22	Letter re: Refuse disposal facility located east of Lewis Avenue and south of Sunset Avenue in Waukegan was inspected on June 24, 1974 with results included	C. Clark-IEPA	R. Miller-WPS & R. Kramer-CW	Correspondence	34
2	74/10/04	Letter re: Refuse disposal facility located east of Lewis Avenue was inspected on Sept. 17, 1974 with results included	R. Van Someren-IEPA	R. Miller-WPS & R. Kramer-CW	Correspondence	35
Jr.	74/12/04	Letter re: Your refuse disposal located behind the Bank of Waukegan was inspected on Oct. 21, 1974 by Pat Conaway of the Lake County Health Dept. and Robert Wengrow of IEPA	R. Van Someren-IEPA	R. Findeisen-A. Rubloff	Correspondence	36
2	74/12/04	Letter re: Refuse disposal facility located east of Lewis Avenue was inspected on October 21, 1974 with results included	R. Van Someren-IEPA	R. Miller-WPS & R. Kramer-CW	Correspondence	37
1	76/03/25	Letter re: Your	W. Child-IEPA	Arthor Rubloff & Co.	Correspondence	38

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2 76/0	03/29	Letter re: A reinspection of your property located just east of Lewis Street and south of Golf Street in Waukegan was made on March 8, 1976 with results included	W. Child-IEPA	R. Kramer-CW & WSD #60	Correspondence	39
2 76/1		Letter re: A reinspection of your property located south of Sunset Avenue and east of Lewis Street in Waukegan was made on Nov. 8, 1976 with results included	W. Child-IEPA	L. Latz-CW and R. Miller-WPS	Correspondence	40
<b>77/0</b>		Letter re: A reinspection of your property loacted east of the Waukegan Plaza was made on Nov. 23, 1976 by Paul Steadman of IEPA	W. Child-IEPA	Arthur Rubioff & Co.	Correspondence	41
1 77/0		Letter re: Reinspection of your property located east of the Waukegan Shopping Center was made on May 3, 1977 by Paul Steadman of IEPA	W. Child-lepa	Arthur Rubloff & Co. & CW	Correspondence	42
2 78/0	,	Letter re: Solid waste disposal facility located south of Buck Avenue between Pine	J. Petrilli-IEPA	B. Ogrin	Correspondence	43

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		Waukegan was inspected on Jan. 5, 1978 with results included				
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7	78/03/30	Letter re: Response to interogatories contained in an undated request from the Pollution Control Board of the State of Illinois	W. Brandt-City of Waukegan	T. Diver-Diver et. al.	Correspondence	45
1	78/04/03	Letter re: Sampling of Yeoman Creek at City of Waukegan and Waukegan School Dist. #60 Landfill Site for PCB's	T. Nedved-LCHD	J. Petrilli-IEPA	Correspondence	46
2	78/05/23	Letter re: Solid waste disposal facility located east of the Waukegan Shopping Center at the inter- section of Lewis and Glen Flora Avenue was inspected on May 10, 1978 by David Grover of IEPA	J. Petrilli-1EPA	Arthur Rubloff & Co. & CW	Correspondence	47
1	78/06/02	Letter re: Final Grade Staking	W. Brandt-City of Waukegan	F. Furtan-N. IL Survey Co	Correspondence	48
3	78/08/15	Letter re: Report of ther results of the field and laboratory	R. Zimmermen-ESCOR, Inc.	C. Miller-Waukegan Excav.	Correspondence	49

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		investigation of the PCB content of the sand stockpile located on the properties of OMC, Waukegan, IL				
2	78/08/16	Letter re: To inform you of our client's intent to utilize as a fill material sands which contain less than one-half part per million PCB content	R. Zimmerman-ESCOR, Inc	T. Cavenegh-IEPA	Correspondence	50
1	78/09/19	Letter re: Henry Cobo of IEPA made a reinspection of your property on August 29, 1978	K. Bechely-IEPA	L. Latz-CW & R. Miller-WSD #60	Correspondence	51
1	78/09/26	Letter re: In response to the letter dated 8/16/78; The PCB content of the sand does not warrant the need for a permit	T. Cavanaugh-IEPA	E. Zimmerman-ESCOR, Inc.	Correspondence	52
2	79/05/21	Letter re: Solid waste disposal facility located south of Sunset Avenue and east of Lewis Street was inspected on May 3, 1979 with results included	K. Bechely-IEPA	L. Latz-CW & R. Miller-WSD #60	Correspondence	53
2	80/03/20	Letter re: To notify IEPA that the City of Waukegan is prepared to install a suitable berm to control leachate ponding earlier observed	W. Brandt-City of Waukegan	K. Bechely-IEPA	Correspondence	54

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	2	80/05/05	Letter re: Solid waste disposal facility located south of Sunset Avenue and east of Lewis Street in Waukegan was inspected on April 16, 1980 with results included	K. Bechely-IEPA	L. Latz-CW & R. Miller-WSD #60	Correspondence	55
14	_						
	2	80/07/14	Letter re: Solid waste disposal facility located south of Sunset Avenue and east of Lewis Street in Waukegan was inspected on June 9, 1980 with results included	K. Bechely-IEPA	i. Latz-CW & R. Miller-WSD #60	Correspondence	56
-	2	80/08/06	Letter re: Soild waste facility located south of Sunset Avenue and East of Lewis Street in Waukegan was inspected on July 22, 1980 with results included	K. Bechely-IEPA	L. Latz-CW & R. Miller-WSD #60	Correspondence	57
	1	80/09/04	Letter re: Solid waste disposal facility located south of Sunset Avenue and east of Lewis Street in Waukegan was inspected on August 7, 1980 with results included	K. Bechely-IEPA	L. Latz-CW & R. Miller-WSD #60	Correspondence	58
	1		Letter re: A reinspection of your property located south of Sunset Avenue and east of Lewis Street in Waukegan was made on	K. Bechety-IEPA	F.Furlan-CW & R.Miller-WSD #60	Correspondence	59

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		results included				
2	81/02/26	Letter re: A reinspection of your property located south of Sunset Avenue and east of Lewis Street in Waukegan was made on Dec. 23, 1980 and Feb. 13, 1981 with results included	K. Bechely-IEPA	E. Perl-CW & R. Miller-WSD #60	Correspondence	60
2	81/03/04	Letter re: DLPC of the IEPA is conducting a study of ground water quality in the vicinity of closed landfills	R.Piskin-lEPA	City of Waukegan	Correspondence	61
1	81/04/13	Letter re: A reinspection of your property located south of Sunset Avenue and east of Lewis Street on Waukegan was made on April 1, 1981 with results included	K. Bechely-1EPA	E. Perl-CW & R. Miller-WSD #60	Correspondence	62
1	81/07/08	Letter re: A reinspection of your property located south of Sunset Avenue and east Lewis Street in Waukegan was made on June 12, 1981 with results included	K. Bechely-IEPA	E. Perl-CW & R. Miller-WSD #60	Correspondence	63
1	81/07/27	4.4 =	E. Perl-City of Waukegan	K. Bechely-IEPA	Correspondence	64
1	82/01/08	Letter re: A reinspection of your property located south of Sunset Avenue	K. Bechely-IEPA	E. Perl-CW & R. Miller-WSD #60	Correspondence	65

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		and east of Lewis Street in Waukegan was made on Nov. 5, 1981 with results included				
1	82/01/18	Letter re: A reinspection of your property located south of Sunset Avenue and east of Lewis Street in Waukegan was made on Dec. 24, 1981 with results included	K. Bechely-IEPA	K.Parikh-CW & R.Miller-WSD #60	Correspondence	66
1	82/10/07	Letter re: Results of the Lewis Plaza Shopping Center inspected by James Ambroso of the Lake County Health Dept.	T.Nedved, Ph.D-Director of Lake County Health Dept.	B.Johnson-Cty of Waukegan	Correspondence	67
1	85/03/18	Letter re: IEPA notified City Hall at the City of Waukegan that they are no longer required to submit groundwater analyses	M.Haney-IEPA	City of Waukegan	Correspondence	68
2	85/07/01	Letter re: Inspections of Yeoman Creek Landfill and Waukegan Municipal #2 sites were made on April 3, 1985 and April 18, 1985, respectively and are being used by USEPA to assign a HRS for the sites	R.Carlson-IEPA	M.Sennholtz & J.Kaltsas-LWV	Correspondence	69
1	85/07/31	Letter forwarding a map, boring logs, and ground water and surface water samples	S.Otto-IEPA	H.Chin-Atty Gen. Office	Correspondence	70
1	89/03/08	Letter re: Stressing	R. Boice-U.S.EPA	T. Healy-Mayer,Brown,etal	Correspondence	71

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-	90/03/27	Letter re: Review of RI/FS Work Plan	S.Moyer-IEPA	R.Boice-U.S.EPA	Correspondence	73
3	90/03/27	Letter re: Response to request for comments on the RI/FS Work Plan	R.Nelson-U.S. Dept of Interior	S.Ostradka-U.S.EPA	Correspondence	74
10	90/03/28	Technical Review Comments RI/FS Work Plan - Yeoman Creek with cover letter attached	F.Test-Roy F. Weston, Inc.	R.Boice-U.S.EPA	Correspondence	75
	90/04/02	Letter re: Lake County Health Department reviewed Volume I and Volume II of Golder Associates report "Work Plan for RI/FS Activities" with comments attached	M.Kuhn-LCHD	R.Boice-U.S.EPA	Correspondence	76
36	90/04/13	Deficiencies and Required Modifications to the Yeoman Creek RI/FS Work Plan dated February 1990 prepared by Golder Associates with cover letter attached	R.Boice-U.S.EPA	S.Sneider-Golder Assoc.	Correspondence	π

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1	90/08/09	Letter re: Review of Security Fence Installation Work Plan	S.Moyer-IEPA	R.Boice-U.S.EPA	Correspondence	79
2	90/08/13	Letters re: Surface Soil Sampling for Edwards Field	R. Kuntz, Wildmen, Harrold Allen & Dixon	S.Hersh-U.S.EPA	Correspond <del>en</del> ce	80
4	90/08/16	Letter re: Security Fence Construction Work Plan	S.Sneider-Golder Associates	R.Boice-U.S.EPA	Correspondence	81
1	90/08/16	Letter re: Approval of the Work Plan for Security Fence Installation by U.S.EPA and IEPA	R.Boice-U.S.EPA	S.Sneider-Golder Assoc.	Correspondence	82
2	90/09/13	Letter re: Security Fence Construction Preliminary Noise Survey Results	S.Sneider-Golder Associates	R.Boice-U.S.EPA	Correspondence	83
2	90/09/13	Letter re: Application of RCRA	S.Sneider-Golder Associates	R.Boice-U.S.EPA	Correspondence	84
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2	91/01/21	Letter re: Response to request for review of proposed procedures for handling the well development water from the groundwater and leachate well sampling	R. Boice-U.S.EPA	R. Patterson-Golder Assoc	Correspondence	89
17	91/02/20	Letter re: U.S.EPA's responses to preliminary summary of revisions to RI/FS Work Plan submitted by Golder Assoicates	R.Boice-U.S.EPA	R.Patterson-Golder Assoc.	Correspondence	90
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2	91/06/27	Letter re: Review of Draft (II) Work Plan for RI/FS Activities	J.Carter-IEPA	R.Boice-U.S. EPA	Correspondence	98
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1	72/01/24	Memo re: Site visit report; the site appears to be well operated	R. Rhoades-LCHD	File	Memorandum	112
2	72/09/20	Inspection Notes Five samples were taken at approximately 50 yard intervals	R. Brown-IEPA		Memorandum	113
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2	75/11/04	Memo re: Response to letter dated 9/17/75, a memo dated 9/30/75 and verbal requests made at a meeting held on 9/25/75; The City of and Waukegan Public Schools will attempt to comply with IEPA's request	R. Kramer-City of Waukegan and R. Miller- Waukegan Public Schools	D. Johnson-IEPA	Memorandum	119
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3	90/03/14	Memo re: Review of RI/FS Work Plan	J.Ursic-U.S.EPA Geologist	R.Boice-U.S.EPA, RPM	Memorandum	133
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3	90/03/22	Memo re: Health and Safety Plan Review	A.Baumann-U.S.EPA	R.Boice-U.S.EPA, RPM	Memorandum	135
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2	91/07/23	Memo re: Approval of the PRP-Lead Quality Assurance Project Plan (QAPjP) for Remedial Investigation/Feasibility Study, (RI/FS) Activities at Yeoman Creek and Edwards' Field Landfills		R.Karl-U.S. EPA	Memorandum	142
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4	62/11/30	Application: Permit to Operate Solid Waste Disposal Site	J. Vanderveld-National Disposal Service of Illinois	LCHD	Other	145
1	64/02/07	Inspection Report 2/7/64: Routine visit 1/6/65: Visit & inspection; made sure all refuse covered properly 3/28/66: Site in good condition 4/12/67: 0.K. 5/4/67: 0.K. 8/7/67: 0.K.			Other	146
	64/07/31	Indemnity Agreement between Board of Education, Waukegan Township High School, Waukegan, Illinois and National Disposal Service of Illinois, Inc.			Other	147
1	68/11/25	Lake County Health Dept. Complaint Form with investigator's report	Leo Grad-LCHD		Other	148
1	69/05/07	Lake County Health Dept. Complaint Form with investigator's report	R. Rhoades-LCHD		Other	149

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1	81/11/05	Notes on Inspection of Yeoman Creek and Great Lakes	J. Ambroso-LCHD and D. Shane-IEPA		Other	151
1	85/09/27	Phone Record re: Groundwater Use	R.Hartigan-U.S.EPA		Phone Records	152
2	90/11/13	Phone Record re: Guidance on Wetlands following meeting of 10/11/90	E.Helmer-U.S.EPA		Phone Records	153
1	91/05/31	Phone Record re: Conversation with Tom Pritchett, ERT dicussing procedures for monitoring landfill gases	R.Boice-U.S. EPA		Phone Records	154
1	91/06/04	Phone Record re: Conversation with David Pryor, CRL, recommending CRL validate data package	R.Boice-U.S. EPA		Phone Records	155
15	00/00/00	Complaint presented before the Pollution Control Board of the State of Illinois by IEPA vs. City of Waukegan	IEPA		Pleadings/Orders	156
5	81/00/00	Stipulation and Proposal for Settlement	IEPA, City of Waukegan & WSD #60		Pleadings/Orders	157
4	81/10/08	Opinion and Order of the Illinois Pollution Control Board	C. Moffett-Illinois Pollution Control Board		Pleadings/Orders	158
60	89/12/22	Administrative Order	U.S.EPA	T.Healy-Mayer,Brown&Platt	Pleadings/Orders	159

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11	91/03/07	First Amendment to Administrative Order for RI/FS	U.S.EPA		Pleadings/Orders	160
3	00/00/00	PCB's in the Lake Environment of Lake County			Reports/Studies	161
13	71/02/23	Landfill Pollution Study with cover letter attached	Bauer Engineering, Inc.	City of Waukegan	Reports/Studies	162
89	82/00/00	Draft Report on Yeoman Creek Landifll	IEPA .		Reports/Studies	163
20	83/12/29	Preliminary Assessment	C.Gruntman-IEPA	U.S.EPA	Reports/Studies	164
*** <b>3</b>	84/00/00	From Closed Municipal Landfills in Lake County 1983-84	LCHD		Reports/Studies	165
37	85/00/00	From Closed Municipal Landfills in Lake County 1984-85	LCHD		Reports/Studies	166
20	86/04/11	Documentation Records for Hazard Ranking System - Yeoman Creek Landfill	R. Hingten-Ecology & Environment	U.S.EPA	Reports/Studies	167
8	86/04/11	HRS Yeoman Creek Landfill	R.Hingten-U.S.EPA, FIT	U.S.EPA	Reports/Studies	168

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10 87/09/	OO Assessment of the Shallow Sand and Gravel Aquifer in the North Half of Waukegan Township	Lake County Health Dept.		Reports/Studies	170
4 88/00/	Prom Closed Municipal Landfills in Lake County 1987-88	LCHD		Reports/Studies	171
25 88/09/	30 Site Assessment for Yeoman Creek	Weston-Sper	U.S.EPA	Reports/Studies	172
38 89/07/	OO Site Analysis Yeoman Creek Landfill (using historical aerial photos)	U.S.EPA & Environmental Monitoring Systems Laboratory		Reports/Studies	173
250 90/08/	90 Final Approved Work Plan for Security Fence Installation Yeoman Creek Landfill	Golder Associates	U.S.EPA	Reports/Studies	174
56 90/08/	Ol Surface Soil Sampling Results with cover letter attached	A. Schmidt-Warzyn Engineering, Inc.	R. Kuntz-Wildman, et. al.	Reports/Studies	175
242 91/07/	Work Plan for RI/FS Activities at the Yeoman Creek Landfill Scope of Work with cover letter attached (Volume I of V)	Golder Associates Inc.	R.Boice-U.S. EPA, IEPA	Reports/Studies	176
160 91/07/	5 Work Plan for RI/FS	Golder Associates, Inc.	R.Boice-U.S. EPA, 1EPA	Reports/Studies	177

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		Activities at the Yeoman Creek Landfill Appendices A and B (Volume II of V)				
39	96 91/07/15	Work Plan for RI/FS Activities at the Yeoman Creek Landfill Appendix C Quality Assurance Project Plan(QAPP) (Part 1 of 2) (Volume III of V)	Golder Associates, Inc.	R.Boice-U.S. EPA, IEPA	Reports/Studies	178
49	99 91/07/15	Work Plan for RI/FS Activities at the Yeoman Creek Landfill Appendix C Quality Assurance Project Plan (QAPP) (Part 2 of 2) (Volume IV of V)		R.Boice-U.S. EPA, IEPA	Reports/Studies	179
4!	59 91/07/15	Work Plan for RI/FS Activities at the Yeoman Creek Landfill Appendices D through G (Volume V of V)	Golder Associates, Inc.	R.Boice-U.S. EPA, IEPA	Reports/Studies	180

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## ACRONYM GUIDE for the Administrative Record YEOMAN CREEK LANDFILL SITE WAUKEGAN, ILLINOIS

**ACRONYM** 

DEFINITION

AR

Administrative Record

BOD

Biological Oxygen Demand

BTAG

Biological Technical Assistance Group

CERCLA

Comprehensive Environmental Response, Compensation, & Liability Act of 1980

CM

City of Waukegan

CWA

Clean Water Act

DLPC

Division of Land Pollution

Control

E&E

Ecology & Environment, Inc.

FIT

Field Investigation Team

HRS

Hazardous Ranking System

1DPH

Illinois Department of

Public Health

IEPA

Illinois Environmental Protection Agency

1 SWS

Illinois State Water

Survey

LCHD

Lake County Health

Department

LWV

League of Women Voters

OERR

Office of Emergency and Remedial Response

OPM

Office of Program Management

ORC

Office of Regional Counsel

OSWER

Office of Solid Waste and Emergency Response

**POTWs** 

Publicly Owned Treatment

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## ACRONYM GUIDE for the Administrative Record YEOMAN CREEK LANDFILL SITE WAUKEGAN, ILLINOIS

ACRONYM

DEFINITION

**Works** 

PRP

Potentially Responsible

Party

QAPjP

Quality Assurance Project Plan

QAS

**Quality Assurance Section** 

**RCRA** 

Resource Conservation and

Recovery Act

RI/FS

Remedial Investigation/

Feasibility Study

RMAL

Rocky Mountain Analytical

Laboratory

SARA

Superfund Amendments & Reauthorization Act of

1986

SDWA

Safe Drinking Water Act

SMO

Sample Management Office

U.S.EPA

United States Environmental

Protection Agency

WMD

Waste Management Division

WPC

Water Pollution Control

WPS

Waukegan Public Schools

WSD

Waukegan School District